PATENT APPLICATION Attorney Docket No. 5038-327 Intel Matter No.: P17931

COMBINED DECLARATION AND POWER OF ATTORNEY FOR PATENT APPLICATION

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled BUFFERED MEMORY MODULE WITH IMPLICIT TO EXPLICIT MEMORY COMMAND EXPANSION, the specification of which:

EAFANSIU	in, the sp	becilication of which:			
		and was amended on	as Application No(if applicable) i (if applicable).		
	-		nderstand the contents of the abo by any amendment referred to al		ıtified
	_	•	mation which is material to the p Code of Federal Regulations, Sec		lity
(a)-(d) or §30 of any PCT i United States for patent or	65(b) of internation s of Ame inventor	any foreign application(s) fonal application which designica, listed below and have	inder Title 35, United States Coofor patent or inventor's certificat gnated at least one country others also identified below any foreig T international application having trity is claimed:	e, or §36 than the gn applic	65(a) e cation
Prior Foreign	ı Applica	ation(s)		Claim Priori	
(Number)	_	(Country)	(Day/Month/Year Filed)	Yes	No
		n the benefit under Title 35 onal application listed belo	, United States Code, Sec. 119(ew:) of any	
Provisional A	<u>Applicati</u>	on No.	Filing Date		
				_	

I hereby claim the benefit under Title 35, United States Code, Sec. 120 or §365(c) of any PCT international application designating the United States of America listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, Sec. 112, I acknowledge the duty to disclose information which is material to patentability as defined in Title 37, Code of Federal Regulations, Sec. 1.56 which occurred between the filing date of the prior application and the national or PCT international filing date of this application:

(Application No.)	(Filing Date)	(Status) (patented, pending, abandoned
(rippiioation rio.)	(1 ming Date)	(Status) (pateritea, periamg, acanacinea

I hereby appoint the attorneys associated with the following customer number to prosecute the application, to file a corresponding international application, to prosecute and transact all business in the Patent and Trademark Office connected therewith:

CUSTOMER NO. 32231

Direct all telephone calls to James E. Harris at (503) 222-3613 and send all correspondence to:

MARGER JOHNSON & McCOLLOM, P.C. 1030 S.W. Morrison Street Portland, Oregon 97205

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Full name of first inventor:	Chris B. Freeman	
Inventor's signature:		(Date)
Residence:	Portland, Oregon	
Citizenship:	U.S.A.	
Post Office address:	12590 SW Bowmont Street	

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Full name of second joint in	ventor: Pete D. Vogt	
Inventor's signature:		(Date)
Residence:	Boulder, Colorado	(2)
Residence.	Boulder, Colorado	
Citizenship:	India	
Post Office address:	5395 Centennial Trail	
Full name of third joint inve	ntor: Kuljit S. Bains	
Inventor's signature:		(Date)
		(Butto)
Residence:	Olympia, WA	
Citizenship:	India	
Post Office address:	9146 52 nd Lane NE	
Full name of fourth joint inv	rentor: Robert M. Ellis	
Inventor's signature:	<u> </u>	
		(Date)
Residence:	Hillsboro, Oregon	
Citizenship:	United States	
Post Office address:	4177 SE Hamlook	

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Full name of fifth joint inver	ntor: John B. Halbert	
Inventor's signature:		——————————————————————————————————————
		(Date)
Residence:	Beaverton, OR	
Citizenship:	United States	
Post Office address:	15045 SW Emerald Court	
·		
Full name of sixth joint inve	entor: Michael W. Williams	
Inventor's signature:		
		(Date)
Residence:	Citrus Heights	
Citizenship:	United States	
Post Office address:	8386 Zancanaro Court	